CLAIMS

1. A hydraulic tool comprising:

an electric motor having a grip resembling a pistol grip;

a main casing having a back end connected to the electric motor, and internally provided with a working fluid tank containing a working fluid, a hydraulic power generating mechanism driven by the electric motor to pressurize the working fluid contained in the working fluid tank, a cylinder actuator including a piston to be axially moved by the pressurized working fluid and a piston rod connected to the piston, a hydraulic circuit connecting the hydraulic power generating mechanism and the cylinder actuator and having a supply passage for carrying the working fluid into a front pressure chamber on the front side of the piston or a back pressure chamber on the back side of the piston and return passages for carrying the working fluid back into the working fluid tank, and a spool valve placed in the hydraulic circuit to set the hydraulic circuit in a state for supplying the working fluid into either of the front or the back pressure chamber; and

a working tool connected to a front part of the main casing and capable of being operated by the sliding piston rod;

wherein the spool valve is supported so as to be able to slide in directions perpendicular to the piston rod, a cylindrical grip handle to be gripped by one of operator's hands is attached to the outer surface of the main casing so as to extend parallel to the piston rod, the grip handle is capable of being turned about its own axis, and the spool valve and the grip handle are interlocked by a motion converting mechanism capable of converting a turning motion of the grip handle into a sliding motion of the spool valve.

2. The hydraulic tool according to claim 1, wherein the motion converting mechanism is a cam mechanism.

3. The hydraulic tool according to claim 1, wherein the motion converting mechanism is a linkage.

4. The hydraulic tool according to claim 1, wherein the grip handle can be turned about the axis of the spool valve.